

Product datasheet

Specifications



Smart-UPS RT, 1000VA, 230V

SURT1000XLI

⚠ Discontinued on: 01 Oct 2025

⚠ To be end-of-service on: 31 Dec 2027

⚠ To be discontinued

Price: 15,081.66 ZAR

Overview

Presentation	High density, double-conversion on-line power protection with scalable runtime.
Lead time	Usually in Stock

Main

Main Input Voltage	230 V AC 1 phase
Input voltage	220 V 240 V
Input Connection Type	IEC 60320 C14
Input voltage limits	160...280 V
Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Output voltage	230 V 1 phase
Output voltage	220 V 240 V
Rated power in W	700 W
rated power in VA	1000 VA
Output connection type	6 IEC 60320 2 IEC Jumpers
Bypass type	Built-in bypass
Crest factor	3 : 1
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	1000 VA
Maximum configurable power in W	700 W
UPS type	Double conversion online
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains

Complementary

Battery type	Lead-acid battery
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Extended runtime	1
Number of battery filled slots	1
Number of battery free slots	0

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Battery recharge time	3 h
Number of battery replacement quantity	1
Battery life	3...5 year(s)
Battery charger power	109 W rated
Battery type	Lead-acid internal included
Emergency power off	Optional
Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	Serial port USB port
Surge energy rate	420 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Number of rack unit	2U
Number of cables	1
Colour	Black
Height	432 mm
Width	85 mm
Depth	483 mm
Net weight	23 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Mounting mode	Tower
Provided equipment	CD with software Smart UPS signalling RS-232 cable User manual
Number of power module	700
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Smart-UPS On-Line
Product or component type	Uninterruptible power supply (UPS)
Performance multiplier	1
Number of tare power	48 W
Value multiplier	1
Size UPS version	Internetworking Server Telecom
Curve equation	Efficiency

Curve fixed loss	0.0457
Curve load maximum	100 %
Curve load minimum	5 %
Curve proportional loss	0.0567
Curve square loss	0.0198
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
Battery curve	C
Liquid value	0
Battery design life	2 year(s)
UPS design life	7 year(s)
Battery power in VAH	328 VAh runtime
Battery option	SURT48XLBP 1 984 VAh SURT48XLBP 2 1640 VAh SURT48XLBP 3 2296 VAh SURT48XLBP 4 2952 VAh SURT48XLBP 5 3608 VAh SURT48XLBP 6 4264 VAh SURT48XLBP 8 5576 VAh SURT48XLBP 10 6888 VAh
UPS size	S

Environment

Product certifications	C-Tick CE GOST VDE
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-20...50 °C
Storage altitude	0...15240 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing

Acoustic level	50 dBA
Heat dissipation	324 Btu/h
Operating altitude	0...10000 ft

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	28.600 cm
Package 1 Width	59.400 cm
Package 1 Length	63.000 cm
Package 1 Weight	27.800 kg
Unit Type of Package 2	PAM
Number of Units in Package 2	4
Package 2 Height	135.000 cm
Package 2 Width	100.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	522.400 kg

Contractual warranty

Warranty (in months)	24
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint 3651

Environmental Disclosure [Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

Use Longer



Lifetime extension

Repair No

Use Again



Repack and remanufacture

End of life manual availability [End of Life Information](#)

Removable battery User replaceable

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

